

ABSTRACT OF THE DISCLOSURE

To provide construction machinery which is capable of improving fuel consumption rate of the engine and also capable of effectively utilizing surplus energy in the light-load mode (a mode where the engine torque at the intersection point of the iso-horsepower curve of the necessary horsepower and the governor characteristic curve of the engine is smaller than that of the rating output point of the engine). The construction machinery includes an engine, a hydraulic pump driven by the engine, and actuators driven by pressure oil supplied from the hydraulic pump. In the light-load mode where the engine torque at the intersection point of the iso-horsepower curve of the necessary horsepower and the governor characteristic curve of the engine is smaller than that of the rating output point of the engine, the number of revolutions of the engine is reduced while the engine torque is increased with respect to the intersection point, and the horsepower is made to exceed the iso-horsepower curve. With the surplus torque generated therefrom, a power generator is operated so as to generate electric power, which is charged in a power accumulation apparatus.